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Application. No. 10/076,550 Reply to Official Action mailed on July 30, 2007

Amendments to the Drawings:

The attached sheets containing the following figures replace the corresponding drawings as originally filed and include changes as follows:

- Fig. 2 has been amended to provide clarity on the control of the circuit with reference to the power control circuit electrically coupled to the second mixer;
- Fig. 3 has been amended to provide clarity on the control of either the first and second RF paths in response to a control circuit monitoring the output of the circuit;
- Fig. 4 has been amended to provide clarity on the control of an RF coupler (switch) in response to a control circuit monitoring the input of the circuit; and
- Fig. 5 has been amended to provide clarity on the control of either the first and second RF paths in response to a control circuit monitoring the input of the circuit.

Attachment: Replacement Sheets - Figures 1-6 following page 15 of this paper.

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Remarks/Arguments

Claims 1-29 remain in the application.

Claims 2-4, 10-14, 16-17, 19, 23-25, 28 and 29 have been amended.

Drawings

The drawings are amended to correct for compliance with 37 CFR 1.121(d).

There is no new matter within the amended drawings.

Specification

The specification has been amended in accordance with requirements of 35 U.S.C 112, first paragraph, in respect of providing appropriate clarification to enabling one skilled in the art to perceive and understand the invention. No new matter has been added.

Claim Objections

Claims 10, 14, and 28-29 are objected to on the basis of informalities.

The claims have been amended in line with the examiner's observations to correct the informalities.

Claim Rejections - 35 USC 112

Claims 2-4, 10-13, 16, 19 and 23-25 are objected to under 35 U.S.C. 112 second paragraph as failing to comply with the enablement requirement.

Applicant would like to thank the examiner for an excellent quality of the examination provided.

The claims have been amended to clarify the operation of each limitation and the associated electrical connections. The Applicant believes these amendments overcome

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the 35 U.S.C. 112 objections in accordance with the examiner's suggestions. Applicant looks forward to an opportunity to address any remaining issues upon review by the examiner.

Applicant would like to thank the examiner for the indication that some of the claims are allowable. These claims will be redrafted in independent form should that become necessary.

A Petition for Extension of Time is filed concurrently with this response.

Please charge any additional fees required or credit any overpayment to Deposit Account No. 50-1142.

Respectfully submitted, / Gordon Freedman / Gordon Freedman, Reg. No. 41,553

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